

12-12-05

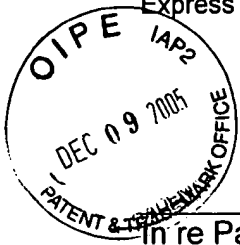
12-12-05

Express Mail No. EV784678549US

Attorney Docket No. 108298743US  
Disclosure No. 03-0524.00/US

(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**



In re Patent Application of:  
Benson et al.

Application No.: 10/713,626

Confirmation No.: 2439

Filed: November 13, 2003

Art Unit: 2811

For: MICROELECTRONIC DEVICES HAVING  
CONDUCTIVE COMPLEMENTARY  
STRUCTURES AND METHODS OF  
MANUFACTURING MICROELECTRONIC  
DEVICES HAVING CONDUCTIVE  
COMPLEMENTARY STRUCTURES

Examiner: J. M. Im

**INFORMATION DISCLOSURE STATEMENT (IDS)**

MS Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is filed before the mailing date of a first Office Action on the merits as far as is known to the undersigned (37 CFR 1.97(b)(3)).

Applicant has not submitted copies of each cited U.S. patent and U.S. patent application as required by 37 CFR 1.98(a)(2)(i), amended October 2004, as the U.S. Patent and Trademark Office has waived this requirement for all U.S. patent applications.

In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists. In accordance with 37 CFR 1.97(h), the filing of this Information Disclosure statement shall not be construed to be an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

It is submitted that the Information Disclosure Statement is in compliance with 37 CFR 1.98 and the Examiner is respectfully requested to consider the listed references.

The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 50-0665, under Order No. 108298743US.

Dated: 12/9/05

Respectfully submitted,

By David T. Dutcher

David T. Dutcher

Registration No.: 51,638

PERKINS COIE LLP

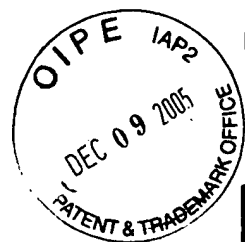
P.O. Box 1247

Seattle, Washington 98111-1247

(206) 359-8000

(206) 359-7198 (Fax)

Attorney for Applicant



Express Mail No. EV784678549US

Attorney Docket No. 108298743US

Disclosure No. 03-0524.00/US

PTO/SB/08a/b (07-05)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

<b>Substitute for form 1449A/B/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)				<b>Complete if Known</b>	
				Application Number	10/713,626-Conf. #2439
				Filing Date	November 13, 2003
				First Named Inventor	Peter A. Benson
				Art Unit	2811
				Examiner Name	J. M. Im
Sheet	1	of	3	Attorney Docket Number	108298743US

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
		US-5,128,831	07-07-1992	Fox, III et al.	
		US-5,252,857	10-12-1993	Kane et al.	
		US-5,518,957	05-21-1996	Kim	
		US-5,593,927	01-14-1997	Farnworth et al.	
		US-5,851,845	12-22-1998	Wood et al.	
		US-5,883,426	03-16-1999	Tokuno et al.	
		US-5,891,797	04-06-1999	Farrar	
		US-5,933,713	08-03-1999	Farnworth	
		US-5,946,553	08-31-1999	Wood et al.	
		US-5,986,209	11-16-1999	Tandy	
		US-5,990,566	11-23-1999	Farnworth et al.	
		US-6,004,867	12-21-1999	Kim et al.	
		US-6,008,070	12-28-1999	Farnworth	
		US-6,018,249	01-25-2000	Akram et al.	
		US-6,020,629	02-01-2000	Farnworth et al.	
		US-6,020,624	02-01-2000	Wood et al.	
		US-6,028,365	02-22-2000	Akram et al.	
		US-6,051,878	04-18-2000	Akram et al.	
		US-6,072,233	06-06-2000	Corisis et al.	
		US-6,072,236	06-06-2000	Akram et al.	
		US-6,089,920	07-18-2000	Farnworth et al.	
		US-6,097,087	08-01-2000	Farnworth et al.	
		US-6,107,122	08-22-2000	Wood et al.	
		US-6,124,634	09-26-2000	Akram et al.	
		US-6,130,474	10-10-2000	Corisis	
		US-6,150,717	11-21-2000	Wood et al.	
		US-6,148,509	11-21-2000	Schoenfeld et al.	
		US-6,175,149-B1	01-16-2001	Akram	
		US-6,184,465-B1	02-06-2001	Corisis	
Examiner Signature				Date Considered	

Express Mail No. EV784678549US

Attorney Docket No. 108298743US  
Disclosure No. 03-0524.00/US

PTO/SB/08a/b (07-05)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/B/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	10/713,626-Conf. #2439
				Filing Date	November 13, 2003
				First Named Inventor	Peter A. Benson
				Art Unit	2811
				Examiner Name	J. M. Im
Sheet	2	of	3	Attorney Docket Number	108298743US

	US-6,187,615-B1	02-13-2001	Kim et al.	
	US-6,188,232-B1	02-13-2001	Akram et al.	
	US-6,201,304-B1	03-13-2001	Moden	
	US-6,214,716-B1	04-10-2001	Akram	
	US-6,212,767-B1	04-10-2001	Tandy	
	US-6,225,689-B1	05-01-2001	Moden et al.	
	US-6,228,687-B1	05-08-2001	Akram et al.	
	US-6,232,666-B1	05-15-2001	Corisis et al.	
	US-6,235,552-B1	05-22-2001	Kwon et al.	
	US-6,235,554-B1	05-22-2001	Akram et al.	
	US-6,239,489-B1	05-29-2001	Jiang	
	US-6,247,629-B1	06-19-2001	Jacobson et al.	
	US-6,258,623-B1	07-10-2001	Moden et al.	
	US-6,265,766-B1	07-24-2001	Moden	
	US-6,281,577-B1	08-28-2001	Oppermann et al.	
	US-6,281,042-B1	08-28-2001	Ahn et al.	
	US-6,285,204-B1	09-04-2001	Farnworth	
	US-6,294,839-B1	09-25-2001	Mess et al.	
	US-6,297,547-B1	10-02-2001	Akram	
	US-6,303,981-B1	10-16-2001	Moden	
	US-6,326,698-B1	12-04-2001	Akram	
	US-6,326,697-B1	12-04-2001	Farnworth	
	US-6,329,222-B1	12-11-2001	Corisis et al.	
	US-6,331,221-B1	12-18-2001	Cobbley	
	US-6,407,381-B1	06-18-2002	Glenn et al.	
	US-6,429,528-B1	08-06-2002	King et al.	
	US-6,437,586-B1	08-20-2002	Robinson	
	US-6,483,044-B1	11-19-2002	Ahmad	
	US-6,503,780-B1	01-07-2003	Glenn et al.	
	US-6,548,376-B2	04-15-2003	Jiang	
	US-6,552,910-B1	04-22-2003	Moon et al.	

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

Substitute for form 1449A/B/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	10/713,626-Conf. #2439
				Filing Date	November 13, 2003
				First Named Inventor	Peter A. Benson
				Art Unit	2811
				Examiner Name	J. M. Im
Sheet	3	of	3	Attorney Docket Number	108298743US

		US-6,560,117-B2	05-06-2003	Moon	
		US-6,576,531-B2	06-10-2003	Peng et al	
		US-6,607,937-B1	08-19-2003	Corisis	
		US-6,614,092-B2	09-02-2003	Eldridge et al.	
		US-2005/0104228-A1	05-19-2005	Rigg et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \* CITE NO.: Those application(s) which are marked with an single asterisk (\*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--